

Jackson

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:

HONEYWELL INTERNATIONAL INC.
Attn. Hoirrie, David
101 Columbia Road
P.O. Box 2245
Morristown, New Jersey 07960
UNITED STATES OF AMERICA

RECEIVED
LAW DEPARTMENT

2005 JUN 15 12 22

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

LAW-PHX-JH

JUN 17 2005

(PCT Rule 44.1)

Date of mailing
(day/month/year)

14/06/2005

Applicant's or agent's file reference

H0002691-3180

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/US2005/005975

International filing date
(day/month/year)

24/02/2005

Applicant

HONEYWELL INTERNATIONAL INC.

1. ☒ The applicant is hereby notified that the International search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

Shortly after the expiration of 18 months from the priority date, the International application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the International application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an International preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within 18 months from the priority date, but only in respect of some designated Offices, a demand for International preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.

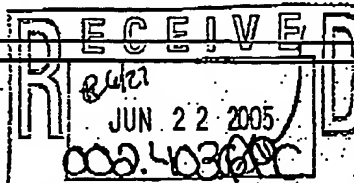
Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3018

Authorized officer

Patrick Wach



Form PCT/IB/301 (Form 1) 2004

INFORMATIONAL PCT/IB/301

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/005975

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N1/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 008, no. 042 (P-256), 23 February 1984 (1984-02-23) - & JP 58 195135 A (NIPPON JIDOSHA BUHIN SOGO KENKYUSHO KK), 14 November 1983 (1983-11-14) abstract; figures	1-4
X	US 4 014 216 A (THORNTON ET AL) 29 March 1977 (1977-03-29)	1-4
X	column 3, line 37 - line 68; figures 1,2	1-4
A	column 4, line 20 - column 5, line 18; figures 4-6	5
A	US 4 131 011 A (LING ET AL) 26 December 1978 (1978-12-26) column 3, line 55 - line 58; figure 1	1-4
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle of theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

27 May 2005

Date of mailing of the international search report

14/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3018

Authorized officer

Hocquet, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/005975

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 367 081 A (HARVEY ET AL) 4 January 1983 (1983-01-04) column 1, line 36 - line 53; figures 1-3	1
A	US 3 707 869 A (RAYNOR G,US) 2 January 1973 (1973-01-02)	1-4
X	US 5 679 535 A (JOYCE ET AL) 21 October 1997 (1997-10-21) column 10, line 28 - line 49; figures	5-10
X	EP 1 302 767 A (COSMO ACE CO) 16 April 2003 (2003-04-16) paragraphs '0054! - '0056!, '0080!; figure 2	5-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/005975

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 58195135	A	14-11-1983	NONE	
US 4014216	A	29-03-1977	AU 504130 B2	04-10-1979
			AU 2304477 A	14-09-1978
			CA 1075492 A1	15-04-1980
			CA 1080002 A2	24-06-1980
			GB 1553926 A	10-10-1979
			SE 448402 B	16-02-1987
			SE 7703214 A	23-09-1977
US 4131011	A	26-12-1978	NONE	
US 4367081	A	04-01-1983	NONE	
US 3707869	A	02-01-1973	CA 962481 A1	11-02-1975
			FR 2141220 A5	19-01-1973
			GB 1334335 A	17-10-1973
US 5679535	A	21-10-1997	AT 140538 T	15-08-1996
			AU 665990 B2	25-01-1996
			AU 3647093 A	05-10-1993
			CA 2131728 A1	16-09-1993
			DE 69303706 D1	22-08-1996
			DE 69303706 T2	27-02-1997
			EP 0630478 A1	28-12-1994
			IE 930159 A2	08-09-1993
			WO 9318404 A1	16-09-1993
			JP 7504745 T	25-05-1995
			NZ 249579 A	29-01-1997
EP 1302767	A	16-04-2003	AU 6064001 A	11-12-2001
			CA 2410784 A1	28-11-2002
			EP 1302767 A1	16-04-2003
			SK 18472002 A3	01-07-2003
			US 2003089158 A1	15-05-2003
			CN 1444728 A	24-09-2003
			CZ 20024265 A3	16-04-2003
			WO 0192862 A1	06-12-2001